Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 25 Mar 2023 until 23:59 on Sunday 26 Mar 2023

Forecast Issued on Friday 24 Mar 2023 at 15:07

Confidence: Lower confidence in persistence of rain, showers and low cloud tonight and tomorrow. High confidence for drier and more settled conditions on Sunday and Monday, then lower for timing of rain arrival Tuesday.

Headline for Saturday 25 Mar 2023: Cloudy, with showers and longer spells of rain.

Mountain weather hazards on Saturday 25 Mar 2023

Blizzards
No Likelihood

Gales
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
Medium Likelihood

Storm force winds
No Likelihood

Poor visibility
Medium Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Light rain showers	Heavy rain showers	Light rain showers	Cloudy
Precipitation probability							
60%	60%	40%	40%	40%	40%	40%	30%

Forecast for Saturday 25 Mar 2023

Weather: Extensive cloud and widespread rain at first, with heavier bursts at times. Some improvement late morning, with some drier and brighter spells possible, but heavy showers will develop quickly during the afternoon, and could become frequent, with the odd rumble of thunder. Risk of some hail mixed in with heavier showers.

Chance of cloud-free hill tops above 600m: 30%

Low cloud and visibility: Extensive cloud base 400-500m at first, lifting towards 600m for the afternoon, and perhaps breaking slightly, but dropping back to 400-500m in heavy showers. Generally moderate visibility at first, improving to good, but becoming poor in showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 25 Mar 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	31/41 SW	31/42 W	30/40 W	26/35 W	21/30 W	19/26 W	9/13 NW	8/11 E	15/22 E
300	22/32 SW	24/35 W	24/36 W	19/29 W	19/28 W	15/24 W	5/9 SW	6/10 SE	10/18 E
Valley	15/31 SW	17/35 W	17/35 W	14/28 W	14/26 W	12/23 W	4/10 NW	6/11 E	12/23 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	3/-4	3/-4	4/-2	4/-1	5/0	4/1	3/0	2/-4
300	6/0	5/-0	5/-0	6/1	7/3	8/4	7/6	6/4	4/0
Valley	6/2	6/1	6/2	7/3	8/5	9/6	8/7	6/4	5/1
Freezing Level*	1100m	1100m	1100m	1100m	1100m	1100m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Lower confidence in frequency of showers, particularly into the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 24 Mar 2023	2mm	9.6mm	14.2mm

Forecast for Sunday 26 Mar 2023

Weather: Showers will ease by dawn, with brighter and drier conditions developing quickly during the morning. Further showers are likely to form during the afternoon, but they will be lighter and less frequent than on Saturday. Feeling colder though, with precipitation falling as snow on the summits.

Maximum wind: North-easterly 25 mph gusting 35 mph.

Chance of cloud-free hill tops above 600m: 80%

Low cloud and visibility: Scattered cloud initially around 600m, quickly rising above the summits during the morning. Good or very good visibility, with only small and temporary deteriorations in showers.

Temperature: **Valleys:** Plus 7 Celsius.
At 600m: Zero Celsius.
Freezing level: 600m.

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